



**DEPARTMENT OF TRANSPORTATION  
JOB OPPORTUNITY**

Information Technology Analyst 3  
DOT Department of Technology Services

**[PLEASE FOLLOW THE SPECIFIC APPLICATION FILING INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!](#)**

**Open To:** Candidates on a current examination list  
**Location:** Newington, CT  
**Job Posting No:** 29998  
**Hours:** 8:00 am to 4:30 pm  
**Salary:** FD 30 - \$89,944 to \$115,551 annual  
**Closing Date:** August 10, 2016

**Eligibility Requirement:**

Candidates must have applied for and passed the Information Technology Analyst 3 examination and be on the current certification list promulgated by the Department of Administrative Services for this classification. State employees currently holding the above title or those who have previously attained permanent status may apply for lateral transfer.

**Duties:**

- Based on user business requirements and the results of a business analysis, the senior programmer performs and/or leads design, coding, testing, implementation, and documentation of complex and simple computer programs.
- Based on updated business requirements, the senior programmer must maintain and modify computer programs of high complexity, significance, and risk.
- Develops basic and detailed program specifications. Ensures that expected computer program performance levels and user expectations are achieved.
- Leads technical staff to investigate, analyze, and resolve complex technical problems. Identifies and manages program interfaces, standards, and configurations.
- Perform the analysis of business needs for the development and implementation of application systems.
- Proactively identifies opportunities for improvement and recommends programming technical solutions.
- Demonstrates excellent understanding of the business needs driving the projects.
- Utilize Visual studio .Net, MVC/C# to develop, customize and automate computer programs and processes. Develops, configures and maintains intranet/internet web-based applications, interfaces with GIS applications and mobile applications.

**Preferred Knowledge:**

- Knowledge and experience using Visual Studio 2013/2015
- Experience creating MVC/C# applications. Also experience with webforms and VB.NET.
- Experience with mobile app technology including Bootstrap and Xamarin.
- Knowledge and experience using Team Foundation Server.
- Experience with SQL Server 2012. Must have some DBA knowledge including ability to create databases, tables, stored procedures as well as backup and restored databases.
- Experience developing GIS applications using .Net, ESRI including knowledge of ArcGIS Geodatabase.
- Understanding of geospatial data
- Have Business Analyst experience getting business requirements from users and create documentation for developers to use in creating applications.

**MINIMUM QUALIFICATIONS REQUIRED, KNOWLEDGE, SKILL AND ABILITY:**

Considerable knowledge of principles and techniques of systems analysis, design, development, and computer programming; considerable knowledge of principles of information systems; considerable knowledge of principles and theories of business and planning functions; considerable knowledge of programming languages; considerable knowledge of project management principles and techniques; considerable knowledge of principles, problems and techniques of data processing and data communication operations; considerable knowledge of data processing and data communications equipment and diagnostic tools; considerable knowledge of methods and procedures used to conduct detailed analysis and design of computer systems; considerable knowledge of principles of complex computer operating systems; knowledge of principles and techniques of business information systems re-engineering; knowledge of network protocols and architecture; knowledge of practices and issues of systems security and disaster recovery; knowledge of applications systems development principles and techniques; knowledge of principles and practices of data base management; considerable interpersonal skills; considerable oral and written communication skills; considerable problem solving skills; considerable technical problem solving skills; considerable analytical skills; considerable ability to prepare correspondence, manuals, reports and documentation; considerable ability to analyze and resolve operational and communications problems; considerable ability to analyze and debug complex software programs; considerable ability to identify, analyze and resolve complex business and technical problems; some supervisory ability.

**General Experience:**

Seven (7) years of experience in information technology (IT) operations, programming, systems/software development or another IT related field.

**Special Experience:**

One (1) year of the General Experience must have been at the full professional working level with responsibility for performing a full range of complex technical support functions in one of the following areas:

1. Assisting in the design, implementation and management of a major communications network.
2. Providing technical and administrative support for a wide area network (WAN) or mini-computer system.
3. Assisting in the installation and maintenance of major sub-systems or installing and maintaining other host and/or network software.
4. Participating in the design and development of system applications.
5. Serving as a project coordinator responsible for coordinating the design, development, programming and implementation of moderately complex information systems projects.

**NOTE:** For state employees this is interpreted at the level of Information Technology Analyst 2.

**Substitutions Allowed:**

1. College training in management information systems, computer science or information technology related area may be substituted for the General Experience on the basis of fifteen (15) semester hours equaling six (6) months of experience to a maximum of four (4) years for a Bachelor's degree.
2. A Master's degree in management information systems, computer science or electrical engineering may be substituted for one (1) additional year of the General Experience.

**Application Instructions:** Interested and qualified candidates who meet the above requirements should submit a cover letter, a resume, and **Application (CT-HR-12).** **State of Connecticut employees must include copies of last two (2) service ratings.** Send by August 10, 2016 to:

**Connecticut Department of Transportation**  
**Ellen Kinney**  
**P.O. Box 317546**  
**Newington, CT 06131-7546**  
**Fax: 860-594-3590**  
**Email: [Ellen.Kinney@ct.gov](mailto:Ellen.Kinney@ct.gov)**

The filling of this position will be in accordance with reemployment, SEBAC, transfer, promotion and merit employment rules. Refer to the DAS website at [www.das.state.ct.us/HR/Jobspec/JobSearch.asp](http://www.das.state.ct.us/HR/Jobspec/JobSearch.asp) for job specification requirements. Interviews may be limited to candidates whose experience and training most closely meet the requirements of this position. The candidate pool resulting from these interviews may be used to fill future Informational Technician Analyst 3 positions in the Bureau of Finance and Administration within one year.

**AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER**

The State of Connecticut is an equal opportunity/affirmative action employer and strongly encourages the applications of women, minorities, and persons with disabilities.